STOP OR YIELD SIGN ON SAME POST WITH THE CROSSBUCK SIGN AT PASSIVE HIGHWAY-RAIL GRADE CROSSINGS

R15-1 SIGN (CROSSBUCKS

TO BE PLACED BACK

FROM TWO DIRECTIONS)

TO BACK WITH LEGEND SHOWN

R15-2P SIGN WITH

LEGEND SHOWN

ON FRONT SIDE ONLY
FACING TRAFFIC

REV. 11-1-11: REVISED GENERAL NOTES (A) AND (D). ADDED GENERAL NOTE (G) CHANGED R-15-2 SIGNS TO R15-2P.

☐ REV. 6-5-14: COMBINED T-S-16 AND T-S-16A.

REV. 7-26-73: CORRECT VERTICAL AND LATERAL CLEARANCES AND RAILROAD CROSSBUCK SIGN TO AGREE WITH 1971 MUTCD. ELIMINATED USE OF WOOD

REV. 7-I-72: CHANGED DEPARTMENT

REV. 8-24-73: BREAKAWAY ADDED TO SQUARE TUBE POST DESCRIPTION. REFERENCE ARROWS ADDED FROM RI5-2 TO THE APPROPRIATE SIGNS.

POST SUPPORTS AND CHANGEABLE

NUMERAL DETAIL.

REV. 2-21-74: PAY ITEM AND NOTE ADDED REGARDING RAILROAD CROSS-BUCK SIGN AND SUPPORT.

REV. I-I-76: CHANGED DWG. NO. FROM RD-S-I6 (68) TO T-S-I6.

REV. 3-15-76: DELETED REFERENCE TO OLD DWG. NO., SUBSTITUTED NEW DWG, NO.

REV. 2-25-77: THE WORD "STEEL" ELIMINATED FROM U-POST.

REV. 10-24-79: U-POST CONNECTION DETAIL REVISED.

REV. 12-12-83: CONNECTION DETAIL U-POST CHANGED.

REV. 5-28-84: CONNECTION DETAIL U-POST AND RAILROAD CROSSBUCK SIGN AND SUPPORT CHANGED. REV. IO-3I-84: ADDED TAMPER PROOF

NUT TO CONNECTION DETAIL U-POST. REV. 2-12-85: ADDED POP-RIVET ALTERNATE TO U-POST CONNECTION

REV. 4-IO-86: ADDED REFERENCE TO SECTION 2A-2I OF MUTCD.

REV. 7-8-86: REDREW SHEET. DELETED POP-RIVET ALTERNATE. ADDED

REV.10-15-90: REDREW AND REORGAN-IZED SHEET. CHANGED MINIMUM DEPTH OF "U" POST IN GROUND FROM 3'-0" TO 3"-6".

REV. I-I6-91: ELIMINATED SHOULDER INSTALLATION USING THREE SUPPORTS.

REV. 2-12-91: CORRECTED FOOTNOTE NUMBERS IN BOTH SHOULDER INSTALLATION DETAILS.

- REV. 7-29-92: CHANGED U7 POST TO P8 POST IN RAILROAD CROSSBUCK SIGN
- AND SUPPORT DETAIL. O REV. 7-29-96: CHANGED MATERIAL ON CROSSBUCK AND TRACK NUMBER SIGN. ADDED WHITE RETROREFLECTIVE STRIP TO CROSSBUCK SUPPORT.
- ☐ REV. 1-19-99: ADDED FOOTNOTE (8).
- REV. 5-27-01: CHANGED DESCRIPTION IN ITEM NO. 713-16.05.
- REV. 7-29-04: IN RAILROAD CROSSBUCK SIGN AND SUPPORT DETAIL MOVED 18" DIMENSION LINE.
- REV. 10-23-06: ADDED GENERAL NOTE D, E AND TRACK ID PLATE.

REV. 11-1-11: ADDED RAILROAD ADVANCE WARNING SIGN DETAIL.

MINOR REVISION -- FHWA APPROVAL NOT REQUIRED.

STATE OF TENNESSEE DEPARTMENT OF TRANSPORTATION

> GROUND MOUNTED ROADSIDE SIGN PLACEMENT DETAILS

> > T-S-16

R15-1 SIGN (CROSSBUCKS TO BE PLACED BACK TO BACK WITH LEGEND SHOWN FROM TWO DIRECTIONS) R15-2P SIGN WITH LEGEND SHOWN ON FRONT SIDE ONLY
FACING TRAFFIC TRACKS

BY LOCAL CONDITIONS. 36" X 36 6'-0" MIN R1-1 SEE SIGN SUPPORT POST-P6 WITH 2" WIDE WHITE OR RED HIGH GRADE, RETROREFLECTIVE NOTE (E) 5'-0" CLEARAN STRIP ON FRONT. WHITE RETROREFLECTIVE STRIP ON BACK EDGE OF SHOULDER 2'-0" MAX.

TRACKSL

11'-0" MIN. HEIGHT MAY

BE VARIED AS REQUIRED

11'-0" MIN. HEIGHT MAY BE VARIED AS REQUIRED BY LOCAL CONDITIONS. 36" X 36" X 36" 6'-0" MIN R1-2 SEE NOTE (A) SIGN SUPPORT POST-P6 WITH 2" WIDE WHITE OR RED HIGH GRADE, RETROREFLECTIVE STRIP ON FRONT. NOTE (E) RETROREFLECTIVE STRIP ON BACK EDGE OF SHOULDER 2'-0" MAX.

RURAL DISTRICT

R15-1 SIGN (CROSSBUCKS R15-1 SIGN (CROSSBUCKS TO BE PLACED BACK TO BE PLACED BACK TO BACK WITH LEGEND SHOWN TO BACK WITH LEGEND SHOWN FROM TWO DIRECTIONS) FROM TWO DIRECTIONS) R15-2P SIGN WITH LEGEND SHOWN R15-2P SIGN WITH LEGEND SHOWN ON FRONT SIDE ONLY ON FRONT SIDE ONLY TRACKS FACING TRAFFIC TRACKS FACING TRAFFIC 13'-0" MIN. HEIGHT MAY BE VARIED AS REQUIRED 13'-0" MIN. HEIGHT MAY BE VARIED AS REQUIRED 36" X 36" X 36" R1-1 SEE NOTE (A) R1-2 SEE NOTE (A) BY LOCAL CONDITIONS. BY LOCAL CONDITIONS. 2'-0" MIN. SIGN SUPPORT POST-P6 SIGN SUPPORT POST-P6 WITH 2" WIDE WHITE OR RED WITH 2" WIDE WHITE OR RED HIGH GRADE, RETROREFLECTIVE HIGH GRADE, RETROREFLECTIVE STRIP ON FRONT. SEE SEE NOTE (F) NOTE (F) 2" WHITE 2" WHITE RETROREFLECTIVE RETROREFLECTIVE STRIP ON BACK STRIP ON BACK EDGE OF EDGE OF TRAVELED TRAVELED 2'-0" MAX 2'-0" MAX. WAY -WAY

BUSINESS OR RESIDENCE DISTRICT

GENERAL NOTES

- YIELD SIGNS SHALL BE THE DEFAULT SIGN AND SHALL BE USED UNLESS AN ENGINEERING STUDY DETERMINES THAT A STOP SIGN IS REQUIRED. IF A STOP SIGN IS REQUIRED, 36" X 36" STOP AHEAD (W3-1) SHALL BE PLACE IN ADVANCE OF THE RAILROAD SIGN (W10-1) ACCORDING TO SECTION 2C.05 AND TABLE 2C-4 IN THE MUTCD. FOR SINGLE LANE CONVENTIONAL ROADS USE 36"X36"X36" YIELD SIGN. FOR MULTI-LANE CONVENTIONAL ROADS USE 48"X48"X48" YIELD SIGN FOR ADDITIONAL INFORMATION FOR STOP AND YIELD SIGN SIZES, SEE TABLE 8B-1 OF THE MUTCD.
- ONLY REFLECTIVE SHEETING ON THE QUALIFIED PRODUCT LIST (10A) SHALL BE USED. $^{\circ}$
- 0 RAILROAD CROSS-BUCK SIGN AND SUPPORT, YIELD/STOP SIGN, NUMBER OF TRACKS AUXILIARY SIGN, AND TRACK ID PLATE IS TO BE PAID FOR UNDER ITEM NO. 713-16.05, RAILROAD CROSS-BUCK SIGN AND SUPPORT PER EACH. THIS PAY ITEM SHALL INCLUDE THE FURNISHING AND INSTALLING OF THE SIGNS, SUPPORT AND HARDWARE.
- LOCATION OF THE CROSSBUCK SIGN AND SUPPORT WITH RESPECT TO THE CENTERLINE OF THE NEAREST TRACK SHALL BE IN ACCORDANCE WITH THE TYPICAL LOCATION PLAN FOR FLASHING LIGHT SIGNAL LOCATIONS AS SHOWN ON FIGURE 8C-2 OF THE CURRENT EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). SEE SECTION 8C.06 OF THE MUTCD FOR ADDITIONAL INFORMATION.
- IF AN EXISTING CROSSBUCK SIGN AND SUPPORT IS TO BE REMOVED, THE CONSTRACTOR SHALL REMOVE AND INSTALL THE EXISTING AAR NUMBER PLATE ON THE PROPOSED CROSSBUCK SIGN. ALL COST ARE TO BE INCLUDED IN THE PRICE BID FOR ITEM NO. 713-16.05.
- TRACK ID PLATE TO BE MOUNTED ON LEFT SIDE FACING TRACK.
- (3) SEE FIGURE 8B-2 AND SECTION 8B.04 OF THE MUTCD FOR ADDITIONAL INFORMATION FOR PASSIVE GRADE CROSSINGS.

-3/8_ "HOLE (TYPICAL) _5/16" HEX OR SQUARE BOLT 0.100" THICK SHEET LOCKNUT WITH WASHER ALUMINUM R15-1 SIGN (CROSSBUCKS TO BE PLACED BACK TO BACK WITH LEGEND SHOWN FROM TWO DIRECTIONS) 0.100" THICK SHEET R15-2 SIGN WITH ALUMINUM SIGN FACE LEGEND SHOWN WITH HIGH GRADE TRACKS ON FRONT SIDE ONLY RETROREFLECTIVE FACING TRAFFIC WHITE BACKGROUND (SEE FOOTNOTE B. -3/8_"HOLE (TYPICAL) $^{-5}/_{16}$ " HEX OR SQUARE BOLT LOCKNUT AND WASHER